

**SECRET**

*gr. prof*  
1 2 JUL 1960

**MEMORANDUM FOR: Assistant Director/SI**  
**Deputy Assistant Director/Collection/SI**

**SUBJECT: Comments on Attached Proposal**

**REFERENCE: Memo to ODD/I, NSA & OSI (PIC/D-84-60)**  
**dated 8 July 1960**

1. Above referenced memorandum requests comments on a proposed simulation program to aid in the design and utilization of SAMOS. In view of the manner in which Mr. Lundahl proposes to utilize our comments, I recommend they represent the views of the Office. A draft proposed reply is attached hereto for your consideration.

2. From my rather limited knowledge of the SAMOS program and associated activities, such as Subsystem I, the GE computer study, ITEK studies and PIC activities, I feel that Prof. Tompkins' proposed simulation program is unrealistic at this time. I do not deny the importance of simulation techniques to the SAMOS program; however, I feel strongly that "we must learn to walk before we run". In the present state of SAMOS development, I feel the most important problems are to assure that SAMOS is designed to provide the needed critical national intelligence and to determine the type or quality of data which SAMOS can provide. To date, SAMOS' capabilities are purely "paper", based on theoretical calculations; to embark on an extensive simulation program utilizing these same theoretical parameters would be a needless waste of the U.S. taxpayers' dollars.

**SECRET**

~~SECRET~~

**SUBJECT: Comments on Attached Proposal**

3. In summary, I feel that SAMOS intelligence requirements are now "in hand", and that study is being given to the problem of data handling and reduction. Prof. Tompkins' proposal, in my mind, indicates a little more "planning" than currently merited by the status of the SAMOS program.

*LS/*

[Redacted]

SA/AD/SI

25X1

**Enclosures: 2**  
**Proposed letter**  
**Simulation Program Proposal**

OSI/OAD [Redacted] :lh (12 Jul 60)

Distribution:

- Orig - AD/SI
- 1 - DAD/C
- 1 - AD/SI chrono
- 1 - SNG chrono

25X1

~~SECRET~~

**SECRET**

USIB-D-33.6/6  
10 March 1960  
Limited Distribution

UNITED STATES INTELLIGENCE BOARD

MEMORANDUM FOR THE UNITED STATES INTELLIGENCE BOARD

SUBJECT: Intelligence Requirements for SAMOS

1. Attached is a memorandum from the Chairman, Satellite Intelligence Requirements Committee bearing on SAMOS requirements and enclosing a draft communication from the Chairman, USIB, to the Secretary of Defense. We are also forwarding copies of the 10 November and 8 December papers setting forth the intelligence requirements for SENTRY. As indicated in paragraph 3 of Colonel May's memorandum, the Committee considers these to be a valid statement of SAMOS intelligence requirements.

2. We have been requested to place this matter on the agenda of the 15 March Intelligence Board meeting.

  
Executive Secretary

25X1

Attachment

**SECRET**

**SECRET**

C  
O  
P  
Y

Attachment  
USIB-D-33.6/6  
10 March 1960  
Limited Distribution

FROM : Satellite Intelligence Requirements Committee  
SUBJ : SAMOS Requirements  
TO : CHAIRMAN, United States Intelligence Board

1. In November 1958, the Ad Hoc Satellite Intelligence Requirements Committee composed of USIB representatives, coordinated on a paper, subject: Intelligence Requirements for SENTRY. On 10 November 1958, a memorandum including these SENTRY requirements was forwarded by the ACS/Intelligence, USAF, to the Director, ARPA, ARDC, BMD, and SAC. These requirements were the basis for intelligence input for project SAMOS Research and Development Plans.
2. Subsequent to this paper, another memorandum on the same subject dated 8 December 1958, was sent to the Director, ARPA. This paper outlined the time period, and requirements to be satisfied during this referenced time period.
3. The SIRC has re-examined the requirements as set forth in the papers of 10 November and 8 December 1958. The Committee recognizes that priorities will have to be established among the stated requirements, but considers the 10 November and 8 December Intelligence Requirements for SENTRY to be a valid statement of SAMOS intelligence requirements.
4. In view of the estimated date for an initial operational capability of a Soviet ICBM/IRBM force, it appears to be highly desirable to achieve a collection capability with SAMOS at the earliest possible date.
5. In the interest of imparting a great degree of impetus and restating the utmost concern of the community for the early employment of

**SECRET**

**SECRET**

Attachment  
USIB-D-33.6/6  
10 March 1960  
Limited Distribution

SENTRY, it is recommended the attached letter, subject: Intelligence Requirements for SAMOS, be signed and forwarded to the Secretary of Defense. \*

S/  
LOWELL E. MAY  
Colonel, USAF  
Chairman, Satellite Intelligence  
Requirements Committee

1 Atch  
1. Proposed ltr to  
Sec of Defense

10 March 1960

\*The OSD, SIRC, member suggests that the attached letter be forwarded to the OSD member of USIB rather than to the Secretary of Defense.

- 2 -

**SECRET**

SECRET

Approved For Release 2004/12/22 : CIA-RDP84-00499R000500120003-6

DRAFT

COPY

Attachment  
USIB-D-33.6/6  
10 March 1960  
Limited Distribution

The Honorable Thomas S. Gates  
The Secretary of Defense  
Department of Defense  
Washington, D. C.

Dear Mr. Secretary:

The intelligence requirements for SAMOS which were forwarded to the Department of Defense by the Department of the Air Force, 10 November 1958, after consideration by USIB member agencies, were revalidated by the Satellite Intelligence Requirements Committee of the USIB during March 1960.

The fulfillment of these requirements as expressed is considered critical to the security of the United States; this is also evidenced by the national priority established for SAMOS.

It is therefore requested that vigorous action be taken to expedite completion of the development of the SAMOS system so that the aforementioned requirements may be satisfied at the earliest possible date.

Sincerely,

Allen W. Dulles  
Chairman

Approved For Release 2004/12/22 : CIA-RDP84-00499R000500120003-6

SECRET

25X1

Approved For Release 2004/12/22 : CIA-RDP84-00499R000500120003-6

Next 119 Page(s) In Document Exempt

Approved For Release 2004/12/22 : CIA-RDP84-00499R000500120003-6